

# Midmark Diagnostics

## IQecg™ System Specifications



Features					
<b>Intuitive user interface</b>	Quick to learn, easy to use				
<b>Preview and monitor</b>	Real-time 12-lead ECG				
<b>Acquire and store</b>	10 seconds of 12-lead ECG with auto-interpretation and measurements with one mouse click				
<b>Interpretation algorithm</b>	Provided by Midmark 12-lead Resting Electrocardiogram Analysis Program for adult and pediatric patients				
<b>Review and Edit</b>	On screen with zoom, electronic calipers, free text and customizable quick edit statements				
<b>Serial comparison</b>	With overlay of up to 4 ECG tests				
<b>Store</b>	55,000 ECG in 1GB of hard-drive space				
<b>EHR/EMR</b>	Field proven seamless integration with more than 80 EHR/EMRs				
<b>Warranty</b>	12 months on ECG, 90 days on patient cable				
Patient Connection					
10-lead patient cable with RFI filter, defibrillator protection and patient isolation					
Safety Parameters					
Patient leakage current not to exceed 10uA					
Ground leakage current not to exceed 50uA					
Patient electrically isolated from main current supply					
Physical Characteristics					
<b>USB Version</b>	Weight	10.2 oz.	<b>Serial Version</b>	Weight	9.5 oz. (11.2 oz. with batteries)
	Dimensions	3.5 in. (88mm) x 5.7 in. (175mm) x 1.2 in. (30mm) (W x L x H)		Dimensions	3.5 in. (88mm) x 5.7 in. (175mm) x 1.2 in. (30mm) (W x L x H)
	Power	No batteries required		Power	Two (2) 1.5V AA alkaline batteries
ECG Acquisition					
<b>Impedance</b>	>100 megohms				
<b>Frequency response</b>	0.05-150Hz-3dB				
<b>Filters</b>	AC, drift, muscle				
<b>Sensitivity</b>	5, 10, 20mm/mV				
<b>Dynamic range</b>	± 10mV				
<b>ADC resolution</b>	13 bits at 2.44uV/bit				
<b>Electrode offset</b>	± 300mV per AAMI and EC11 specifications				
<b>Acquisition rate</b>	500 samples/sec				